TRANSFER

Specifications

Rear output shaft				
High gear journal diameter		Limit	40.009 mm	1.5752 in.
Low gear journal diameter		Limit	40.009 mm	1.5752 in.
Runout			0.03 mm	0.0012 in.
High and low gear oil clearance		STD	0.019 – 0.068 mm	0.0007 – 0.0027 in.
		Limit	0.068 mm	0.0027 in.
High and low gear thrust clearance		STD	0.10 – 0.25 mm	0.0039 – 0.0098 in.
		Limit	0.25 mm	0.0098 in.
Shift fork to hub sleeve clearance		Limit	1.0 mm	0.039 in.
Rear output shaft snap ring thickness		Mark		
		11	2.30 – 2.35 mm	0.0906 – 0.0925 in.
		17	2.60 – 2.65 mm	0.1024 – 0.1043 in.
Idler gear thrust clearance		STD	0.275 – 0.625 mm	0.0108 – 0.0246 in.
		Limit	0.625 mm	0.0246 in.
Rear output shaft preload	New bearing		15 – 24.7 kg-cm (13.0 – 21.4 in.-lb, 1.5 – 2.4 N·m)	
	Reused bearing		7 – 12 kg-cm (6.1 – 10.4 in.-lb, 0.7 – 1.2 N·m)	
Rear output shaft preload adjusting shim		Mark		
		0	0.15 mm	0.0059 in.
		4	0.4 mm	0.016 in.
		5	0.5 mm	0.020 in.
		6	0.6 mm	0.024 in.
		7	0.7 mm	0.028 in.
		8	0.8 mm	0.031 in.
		9	0.9 mm	0.035 in.
		10	1.0 mm	0.039 in.
		11	1.1 mm	0.043 in.
		12	1.2 mm	0.047 in.
		13	1.3 mm	0.051 in.
		14	1.4 mm	0.055 in.
		15	1.5 mm	0.059 in.
Oil seal drive in depth				
Speedometer driven gear			20 mm	0.79 in.

Torque Specifications

Part tightened		kg-cm	ft-lb	N·m
Transfer front case × Transmission case	17 mm	650	47	64
	14 mm	400	29	39
Transfer front case × Transfer rear case	17 mm	650	47	64
	14 mm	400	29	39
Idler gear shaft lock plate bolt		210	15	21
Front companion flange lock nut		1,300	94	127
Transfer rear case × Transfer case cover No.2		155	11	15
Transfer rear case × Rear output shaft rear bearing retainer		350	25	34
Rear companion flange lock nut		1,300	94	127
Transmission output shaft lock nut		1,300	94	127
Transfer rear case × Power take-off cover				
	With liquid sealer	170	12	17
	Others	195	14	19
Transfer indicator switch		450	33	44
Speedometer driven gear lock plate bolt		130	9	13
Diaphragm cylinder body × Transfer front case		185	13	18
Diaphragm cylinder cover × Diaphragm cylinder body		185	13	18
Diaphragm cylinder body cover × Diaphragm cylinder cover		75	65 in.-lb	7.4
Suction tube × Diaphragm cylinder body cover		375	27	37
Diaphragm push rod nut		375	27	37